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Fujitsu recommends Windows 7.

Data Sheet
Fujitsu ESPRIMO P1510 Desktop PC

The wide-ranging home office and multimedia PC

ESPRIMO P1510

The wide-ranging ESPRIMO P1510 is the ideal home office and multimedia PC for all the members of the family. Equipped with powerful Intel® processor and graphics technology from leading suppliers it is ideal for processing holiday photos, surfing the Internet and for gaming. The optional built-in Blu-ray player makes it a joy to use Blu-ray disks in HD quality. A wide selection of interfaces makes it easy to connect external devices - it's child play.

Intelligent performance

Performance to meet all demands - for office applications and games as well as photo processing

- Latest Intel® Core™ processors with Turbo Boost and hyperthreading technology,Genuine Windows® 7 Home Premium, up to 16 GB DDR3 memory and 3 TB hard disk capacity

Designed and engineered in Germany

Outstanding quality and stable functions based on German production standards

- The development, production and function tests are all under one roof in Germany

Multimedia

Un-restricted joy with Blu-ray disks in HD quality

- Blu-ray drive (optional) and HDMI interface with the corresponding multimedia software

Connectivity

Comfortable connection of external devices and easy reading of the various storage media

- 20-in-1 card reader, many different connections, LAN

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Components

Processor	Intel® Core™ i7-870 processor (4 Cores / 8 Threads, 2.93 GHz, 8 MB)
	Intel® Core™ i7-860 processor (4 Cores / 8 Threads, 2.80 GHz, 8 MB)
	Intel® Core™ i5-760 processor (4 Cores / 4 Threads, 2.80 GHz, 8 MB)
	Intel® Core™ i5-750 processor (4 Cores / 4 Threads, 2.66 GHz, 8 MB)
	Intel® Core™ i5-680 processor (2 Cores / 4 Threads, 3.6 GHz, 4 MB, Intel® HD Graphics)
	Intel® Core™ i5-660 processor (2 Cores / 4 Threads, 3.33 GHz, 4 MB, Intel® HD Graphics)
	Intel® Core™ i5-650 processor (2 Cores / 4 Threads, 3.20 GHz, 4 MB, Intel® HD Graphics)
	Intel® Core™ i3-550 processor (2 Cores / 4 Threads, 3.20 GHz, 4 MB, Intel® HD Graphics)
	Intel® Core™ i3-540 processor (2 Cores / 4 Threads, 3.06 GHz, 4 MB, Intel® HD Graphics)
	Intel® Pentium® processor G6950 (2 Cores / 2 Threads, 2.80 GHz, 3 MB, Intel® HD Graphics)
Operating system	
Operating system	Genuine Windows® 7 Home Basic (EM) 32-bit Genuine Windows® 7 Home Premium 64-bit Genuine Windows® 7 Professional 64-bit
Operating system notes	Microsoft Office 2010 preloaded. Purchase a Product Key to activate a full Microsoft Office 2010 suite.
Hard disk drives (internal)	SATA II, 7200 rpm, 1500 GB, 3.5-inch, S.M.A.R.T.
	SATA II, 7200 rpm, 1000 GB, 3.5-inch, S.M.A.R.T.
	SATA II, 7200 rpm, 500 GB, 3.5-inch, S.M.A.R.T.
	SATA II, 7200 rpm, 320 GB, 3.5-inch, S.M.A.R.T.
	SATA II, 7200 rpm, 250 GB, 3.5-inch, S.M.A.R.T.
Graphics add on cards (optional)	NVIDIA® GeForce® GT 420
	ATI Radeon® HD 5670, 1 GB
	ATI Radeon® HD 5450, 512 MB
Drives (optional)	Blu-ray Disc™ Triple Writer
	DVD Super Multi
	MultiCard Reader 20in1, USB 2.0, 3.5-Inch
Interface add on cards/components (optional)	
	USB 3.0 PCIe x1
	FireWire PCI-Card IEEE1394
Base unit	ESPRIMO P1510
Mainboard	
Mainboard type	D2415
Formfactor	µATX
Chipset	Intel® H55
Processor socket	LGA 1156
Processor quantity maximum	1
Memory slots	4 DIMM (DDR3)
Supported capacity RAM (max.)	16 GB
Memory frequency	1066 MHz
LAN	10/100/1000 MBit/s
Audio codec	Realtek ALC888s
Audio features	High Definition audio, 7.1 audio support also via 4x audio jacks (analog), S/PDIF output (electrical)

I/O controller on board	
Serial ATA total	4
Controller functions	Serial ATA II 3 GBit AHCI
Interfaces	
Audio: line-in	1
Audio: line-in / microphone	1
Audio: line-out	1
Front audio: microphone	1
Front audio: headphone	1
USB 2.0 total	12
USB front	2
USB rear	6
USB internal	4
VGA	1
DVI	1
HDMI	1 (only in configurations with graphics card)
Mouse / Keyboard (PS/2)	1/1
Ethernet (RJ-45)	1
Multicardreader	20-in-1
eSATA	1
Interface Module notes	Anytime USB charge functionality
Input device / components	
	Optical USB wheel mouse Keyboard
Drive bays	
Drive bays total	5
3.5-inch internal bays	2
3.5-inch external bays	1
5.25-inch external bays	2
Slots	
PCI-Express 2.0 x16	1 x (240 mm)
PCI-Express x4 (mech. x8)	1
PCI-Express x1	1 full height
PCI (32-bit / 33 MHz)	1 x (240 mm) full height
Graphics	
Refresh rate 1024 x 768 (recommended / max.)	85 Hz / -
Refresh rate 1280 x 1024 (recommended / max.)	85 Hz / -
Refresh rate 1600 x 1200 (recommended / max.)	85 Hz / -
TFT resolution (VGA)	1360 x 768 pixel 1440 x 900 pixel 1600 x 900 pixel 1680 x 1050 pixel 1920 x 1080 pixel 1920 x 1200 pixel

Graphics	
TFT resolution (DVI)	1360 x 768 pixel 1440 x 900 pixel 1600 x 900 pixel 1680 x 1050 pixel 1920 x 1080 pixel 1920 x 1200 pixel
Graphics features	DirectX 10 Supporting full HD video experience
Graphics notes	Graphics controller integrated in dual-core processors. For quad-core processors graphics card is mandatory. Tested resolutions, depending on display type additional resolutions and frequencies possible Shared memory depending on main memory size and operating system Resolution (color depth up to 32 Bit/pixel) For TFT we recommend using 60Hz
Electrical values	
Rated voltage range	200 V - 240 V
Rated frequency range	50 Hz - 60 Hz
Operating voltage range	200 V - 240 V
Operating line frequency range	47 Hz - 63 Hz
Max. output of single power supply	330 W
Monitor outlet	No
Power consumption	
Power consumption note	See white paper Energy Consumption
Link to Energy White Paper	http://docs.ts.fujitsu.com/dl.aspx?id=e9f66d64-f5ed-4bb6-a7e3-4d5b37811977
Heat dissipation	
Heat dissipation notes	See white paper Energy Consumption
Noise for standard configuration (HDD, ODD, FDD)	
Noise emission	According to ISO9296
Related Processors for noise	Intel Core i7-870
Noise Operation mode 1: ODD load (Blue angel requirement)	4.2 B / 28 dB(A)
Noise Operation mode 2: HDD load (Blue angel requirement)	4.0 B / 25 dB(A)
Noise Operation mode 3: CPU 90% load (Blue angel requirement)	4.6 B / 32 dB(A)
Noise Operation mode 4: High load	4.9 B / 32 dB(A)
Noise Operation mode 5: Office applications	4.1 B / 27 dB(A)
Idle mode (Blue Angel requirement)	3.8 B / 23 dB(A)
Noise notes / description	A weighted sound power level Lwad (in B) / workplace related A-weighted sound pressure level LpAm (in dB(A)), Bystander position
Dimensions / Weight / Environmental	
Dimensions (W x D x H)	175 x 425 x 353 mm
Operating position	Vertical
Weight	approx. 11 kg
Weight notes	Actual weight may vary depending on configuration
Operating ambient temperature	15 - 35°C
Compliance	
Product	ESPRIMO P1510
Europe	CE
Global	RoHS (Restriction of hazardous substances) WEEE (Waste electrical and electronical equipment)

Compliance	
Compliance link	https://sp.ts.fujitsu.com/sites/certificates/default.aspx
Additional Software	
Additional software (preinstalled)	Nero Essentials S (burning software)
Additional software (optional)	CyberLink PowerDVD BD (playback software for Blu-ray Disc™, only with Blu-ray Disc™ drive / Blu-ray playback is not supported under Windows XP if the system runs on Intel onboard graphics) Nero 9 Essentials XL
Additional software (included as a CD/ DVD)	Recovery DVD for Windows® Drivers & Utilities DVD (DUDVD)
Compatibility (references)	
	DMI 2.0 USB 2.0 WMI 1.5
Security	
Physical security	Kensington Lock support Eye for padlock
System security	Boot sector virus protection Control of external interfaces
User security	User and supervisor BIOS password
Packaging information	
Packaging dimension	500x290x540 mm
Max. quantity / pallet	24
Material - Weight (g) Carton	1270 g
Material - Weight (g) EPS / PS	210 g
Material - Weight (g) PE	appr. 60 g
Packaging notes	printed user documentation is bleached in chlorine free process
Warranty	
Standard Warranty	1 or 2 years
Service level	Collect & Return / Bring-in Service / Send-in Service (depending on country)
Maintenance and Support Services - the perfect extension	
Recommended Service	5x9, Response Time: Next Business Day
Spare Parts availability	3 years
Service Weblink	http://ts.fujitsu.com/Supportservice

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More information

Fujitsu platform solutions

In addition to Fujitsu ESPRIMO P1510, Fujitsu provides a range of platform solutions. They combine reliable Fujitsu products with the best in services, know-how and worldwide partnerships.

Dynamic Infrastructures
With the Fujitsu Dynamic Infrastructures approach, Fujitsu offers a full portfolio of IT products, solutions and services, ranging from clients to datacenter solutions, Managed Infrastructure and Infrastructure as-a-Service. How much you benefit from Fujitsu technologies and services depends on the level of cooperation you choose. This takes IT flexibility and efficiency to the next level.

Computing Products
www.fujitsu.com/global/services/computing/

Software
www.fujitsu.com/software/

More information

Learn more about Fujitsu ESPRIMO P1510, please contact your Fujitsu sales representative or Fujitsu Business partner, or visit our website.
http://ts.fujitsu.com/ESPRIMO

Fujitsu green policy innovation

Fujitsu Green Policy Innovation is our worldwide project for reducing burdens on the environment. Using our global know-how, we aim to resolve issues of environmental energy efficiency through IT. Please find further information at http://www.fujitsu.com/global/about/environment/

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Contact
FUJITSU Technology Solutions
Website: http://ts.fujitsu.com
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